

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 989  | 726/22.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20 09:18 |
| S2    | 487  | 713/151.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20 09:19 |
| S3    | 300  | 713/162.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20 09:19 |
| S4    | 58   | (SUNDARAM near RAVI) (MILLIKEN near WALTER)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20 09:19 |
| S5    | 49   | S4 and address   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20 09:20 |
| S6    | 6    | S4 and unauthorized  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20 09:31 |
| S7    | 11   | unauthorized with access\$4 same return adj address                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20 09:33 |
| S8    | 95   | unauthorized with access\$4 and return adj address same (function algorithm) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20 09:35 |
| S9    | 62   | S8 and @ad<"20030416"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20 09:35 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S10 | 50   | unauthorized with access\$4 and return adj address with (function algorithm) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/20 09:35 |
| S11 | 32   | S10 and @ad<"20030416"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:10 |
| S12 | 20   | unauthorized same unused with address  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/20 10:15 |
| S13 | 102  | IP adj address with map\$4 same hash\$4                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/20 10:22 |
| S14 | 20   | S13 same (user time)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/20 10:16 |
| S15 | 0    | IP adj address with map\$4 same hash\$4 same user adj address                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/20 10:22 |
| S16 | 6    | map\$4 same hash\$4 same user adj address                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/20 10:22 |
| S17 | 1761 | address near3 map\$4 same (user request\$4) adj2 address                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 11:18 |
| S18 | 220  | S17 same tim\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 10:55 |
| S19 | 54   | S18 same (hash\$4 function algorithm)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 10:55 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S20 | 43  | S19 and @ad<"20030416"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/26 11:07 |
| S21 | 1   | address near3 map\$4 same (user request\$4) adj2 address with tim\$4 same return\$4 adj address | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/26 10:59 |
| S22 | 33  | address near3 map\$4 same (user request\$4) adj2 address same return\$4 adj address             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/26 10:59 |
| S23 | 18  | S22 and @ad<"20030416"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/26 11:10 |
| S24 | 1   | ("6909713").PN.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2007/11/26 11:10 |
| S25 | 38  | hash\$4 with address same return adj address  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/26 11:13 |
| S26 | 22  | S25 and @ad<"20030416"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/26 11:10 |
| S27 | 13  | hash\$4 adj2 address same return\$3 adj2 address  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/26 11:14 |
| S28 | 698 | address near3 map\$4 same hash\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/26 11:20 |
| S29 | 2   | S28 same return adj address   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/26 11:19 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S30 | 384  | address near3 map\$4 with hash\$4                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 11:20 |
| S31 | 13   | S30 and return adj address                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 11:20 |
| S32 | 2114 | 709/245.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 10:49 |
| S33 | 271  | S32 and hash\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 10:49 |
| S34 | 4    | S32 and function with return adj address                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 10:51 |
| S35 | 1089 | function with return adj address                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 10:54 |
| S36 | 297  | S35 same (time user adj address)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 10:51 |
| S37 | 189  | S36 and @ad<"20030416"                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 10:51 |
| S38 | 32   | S37 and ("713".clas. "709".clas.<br>"380".clas. "370".clas.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 10:52 |
| S39 | 23   | hash\$4 with return adj address                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 10:57 |

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|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S40 | 2   | address near mapping same hash\$4 with (user adj address time) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 10:58 |
| S41 | 80  | address near mapping same hash\$4 with (address time)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:00 |
| S42 | 9   | S41 same network   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:01 |
| S43 | 52  | S41 and network  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:04 |
| S44 | 305 | random with address with mapping                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:04 |
| S45 | 85  | random with address adj mapping                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:04 |
| S46 | 1   | S45 same network   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:05 |
| S47 | 98  | random with return adj address                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:05 |
| S48 | 6   | random near3 return adj address                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:07 |
| S49 | 6   | random near3 address near provision\$4                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:11 |

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|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S50 | 284 | block near IP adj address   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:12 |
| S51 | 32  | one with block near IP adj address                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:22 |
| S52 | 5   | (choos\$4 select\$4) near address<br>with block near IP adj address | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:24 |
| S53 | 93  | assign\$4 with address with block<br>near IP adj address            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 11:25 |
| S54 | 52  | assign\$4 near address with block<br>near IP adj address            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 12:54 |
| S55 | 2   | hash\$4 near3 address with block<br>near IP adj address             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 12:55 |
| S56 | 2   | hash\$4 near3 address same block<br>near IP adj address             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 12:55 |
| S57 | 3   | hash\$4 with address same block<br>near IP adj address              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 12:56 |
| S58 | 3   | hash\$4 same block near IP adj<br>address                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:10 |
| S59 | 34  | hash\$4 with address and block near<br>IP adj address               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:05 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S60 | 969   | hash\$4 with ip adj address   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:05 |
| S61 | 14    | S60 same return\$4 adj2 address                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:10 |
| S62 | 5     | random\$4 same block near IP adj address                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:11 |
| S63 | 108   | random\$4 with return adj address                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:11 |
| S64 | 2     | S63 same hash\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:12 |
| S65 | 4     | S63 and ip adj address  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:12 |
| S66 | 2     | identify\$4 near3 return\$4 near address with request\$4 near address | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:21 |
| S67 | 162   | unique\$4 with return\$4 near address                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:21 |
| S68 | 28    | S67 with (user time)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:34 |
| S69 | 16283 | address with mask\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 13:35 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S70 | 93   | address with mask\$4 same return\$4 near address                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/28 13:40 |
| S71 | 74   | S70 and @ad<"20030416"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/28 16:08 |
| S72 | 1    | ("5682512").PN.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2007/11/28 13:36 |
| S73 | 3    | S70 same IP adj address  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/28 13:40 |
| S74 | 15   | address with masking same return\$4 near address                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/28 15:38 |
| S75 | 1    | ("20060047826").PN.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2007/11/28 13:45 |
| S76 | 118  | address with masking same Ip adj address                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/28 15:43 |
| S77 | 0    | ip adj prefix with request\$4 same return\$4 near address        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/28 15:44 |
| S78 | 18   | ip adj prefix with request\$4                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/28 15:54 |
| S79 | 1    | request\$4 with generic with address same return adj address     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/28 15:55 |
| S80 | 1173 | (select\$4 choos\$4 obtain\$4 assign\$4) with return adj address | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/28 15:56 |

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|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S81 | 3   | S80 same hash\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 16:08 |
| S82 | 57  | S80 and hash\$4 with address                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 16:08 |
| S83 | 48  | S82 and @ad<"20030416"                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 16:08 |
| S84 | 1   | hash\$4 with client adj address same<br>return adj address  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 16:13 |
| S85 | 0   | hash\$4 with client adj address same<br>block near2 address | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/28 16:14 |
| S86 | 32  | hash\$4 with client adj address                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 09:34 |
| S87 | 875 | chang\$4 with Ip adj address with<br>time                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 09:43 |
| S88 | 5   | S87 same hash\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 09:39 |
| S89 | 17  | S87 same random   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 09:39 |
| S90 | 4   | random\$4 with chang\$4 with Ip adj<br>address with time    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 09:42 |

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|      |     |  |   |    |    |                  |
|------|-----|--|---|----|----|------------------|
| S91  | 47  | random\$4 with chang\$4 with Ip adj address                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 09:43 |
| S92  | 22  | chang\$4 with Ip adj address with time adj period                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 09:47 |
| S93  | 16  | dynamic with Ip adj address with time adj period                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:07 |
| S94  | 6   | dynamic with Ip adj address with allocation same time adj period | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:09 |
| S95  | 63  | dynamic with Ip adj address same time adj period                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:09 |
| S96  | 28  | S95 and @ad<"20030416"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:14 |
| S97  | 47  | randomly with (choos\$4 set\$4 allocat\$4) with ip adj address   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:14 |
| S98  | 20  | S97 and @ad<"20030416"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:19 |
| S99  | 474 | hash\$4 with time with request\$4                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:23 |
| S100 | 60  | S99 with address   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:19 |

## EAST Search History

|          |     |                                    |   |    |    |                  |
|----------|-----|------------------------------------|---|----|----|------------------|
| S10<br>1 | 27  | S100 and @ad<"20030416"            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:23 |
| S10<br>2 | 131 | hash\$4 with time near2 request\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:23 |
| S10<br>3 | 66  | S102 and @ad<"20030416"            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/29 10:35 |